WHAT IS CLAIMED IS:

1. A tucking device for tucking a printing plate into a gap of a plate cylinder comprising:

a tucker bar, the tucker bar having a tucking surface and at least one magnet for creating a repulsive magnetic force at the tucking surface; and

an actuator connected to the tucker bar for moving the tucker bar.

2. The tucking device as recited in claim 1 wherein the actuator includes a first cylinder at one end of the tucker bar, and a second cylinder at another end of the tucker bar, with the at least one magnet being located between the first cylinder and the second cylinder.

3. The tucking device as recited in claim 2 further comprising brackets for supporting the first and second cylinders.

4. The tucking device as recited in claim 1 wherein the actuator includes handles for an operator to hold and control the tucker bar.

5. The tucking device as recited in claim 1 wherein the at least one magnet is electrically-activated.

6. The tucking device as recited in claim 1 wherein the at least one magnet is a permanent magnet.

7. The tucking device as recited in claim 1 wherein the at least one magnet includes a plurality of magnets.

8. A method for attaching a printing plate having a first side and a second side to a plate cylinder comprising the steps of:

attaching a first edge of the printing plate in a gap of the plate cylinder;

placing the printing plate on the plate cylinder so that the first side of the printing plate lies on an outer circumferential surface of the plate cylinder; and

tucking a second edge of the printing plate into the gap or another gap of the plate cylinder using a repulsive magnetic force against the second side of the printing plate.

9. The method as recited in claim 8 wherein the placing step includes rotating the plate cylinder.

10. The method as recited in claim 8 wherein the tucking step includes contacting the second side of the printing plate with a tucker bar.